

The claims defining the invention are as follows:

1. An apparatus for removing staples comprising:
 - a base member having a front end, a rear end, and a first section near the front end;
 - a lever member having a front end, a rear end, and a first section near the front end,
 - 5 the said first section of the lever member is pivotally attached to the first section of the said base member;
 - means of wedging under the staple crossbar;
 - means of lifting the staple from the substrate using the leverage from the lever member pivotally attached to the base member.
- 10 2. The apparatus of claim 1, wherein the wedging means comprises of a tongue.
3. The apparatus of claim 1, further comprising handles attached to the rear ends of the base member and the lever member.
4. The apparatus of claim 1, including means of increasing the friction of the base member to the substrate.
- 15 5. The apparatus of claim 4, wherein the friction increasing means comprises of a rubber material attached to the underside of the base member.
6. The apparatus of claim 2, wherein there is a groove in the tongue indicating the point where a staple can be removed.
7. The apparatus of claim 2, wherein the said tongue extends from the front end of the
- 20 said base member.
8. The apparatus of claim 2, including means of preventing the staple crossbar from moving beyond the point where the staple can be removed.
9. The apparatus of claim 8, wherein the said preventing means comprises of a flange protruding from the middle of the said tongue.
- 25 10. The apparatus of claim 8, wherein the said preventing means comprises of notches in the tip of the said teeth.
11. The apparatus of claim 7, wherein the staple lifting means comprises of teeth which extends from the front end of the said lever member, such that when the lever member is moved from a first position where the teeth is above the said tongue of the base member, to a second position where the teeth overlaps the tongue, the said teeth engages the underside of the staple crossbar and lifts it from the substrate; additionally the front edges of the teeth are curved such that when the lever member is moved from the said first position to the said second position, the said front edges of the teeth does not extend below the baseline of the base member.
- 30 12. The apparatus of claim 11, wherein the lever member is a chambered member such that the base member fits inside the lever member.
13. The apparatus of claim 11, wherein the base member is a chambered member such that

the lever member fits inside the base member, further comprising means of providing a gap between the outer faces of the base member and the inner faces of the lever member.

14. The apparatus of claim 13, wherein the gap providing means comprises of washers at the pivot in between the base lever and the jawed lever.

15. The apparatus of claim 13, wherein the gap providing means comprises of the base lever being bent in a manner such that the base lever is wider at the base and narrower at the pivot point.

16. The apparatus of claim 13, wherein the tongue of the base member contain grooves to facilitate the passage of the teeth of the lever member.

17. The apparatus of claim 13, wherein the width of the base lever is changed at the front tongued end such that the said tongue is no wider than the distance between the teeth of the jawed lever.

18. An apparatus for removing staples comprising:

a stapler, with a stapler base pivotally connected to the staple driving lever, where the rear end is the staple driving end;

a means of wedging under the staple crossbar with a tongue extending from the front end of the said stapler base;

and a staple lifting means comprises of teeth which extends from the front end of the said staple driving lever, such that when the staple driving lever is moved from a first position where the teeth is above the said tongue of the stapler base, to a second position where the teeth overlaps the tongue, the said teeth engages the underside of the staple crossbar and lifts it from the substrate; additionally the front edges of the teeth are curved such that when the staple driving lever is moved from the said first position to the said second position, the said front edges of the teeth does not extend below the baseline of the stapler base.

19. An apparatus for removing staples comprising:

a stapler, with a stapler base pivotally connected to the staple driving lever, where the rear end is the staple driving end;

a tongued member attached to the front end of the base of the said stapler;

a teethed member attached to the front end of the staple driving lever of the said stapler;

a means of wedging under the staple crossbar with a tongue extending from the front end of the said tongued member;

and a staple lifting means comprises of the said teethed member attached to the front end of the said staple driving lever, such that when the staple driving lever is moved from a first position where the teeth is above the said tongue of the

tongued member, to a second position where the teeth overlaps the tongue, the said teeth engages the underside of the staple crossbar and lifts it from the substrate; additionally the front edges of the teeth are curved such that when the staple driving lever is moved from the said first position to the said second position, the said front edges of the teeth does not extend below the baseline of the tongued member.

20. An apparatus for removing staples comprising:

a stapler, with a stapler base pivotally connected to a staple driving lever, where the rear end is the staple driving end;

a chambered lever member that houses the staple driving lever of the said stapler;

a means of wedging under the staple crossbar with a tongue extending from the front end of the said stapler base;

and a staple lifting means comprises of teeth which extends from the front end of the said lever member, such that when the lever member is moved from a first position where the teeth is above the said tongue of the base member, to a second position where the teeth overlaps the tongue, the said teeth engages the underside of the staple crossbar and lifts it from the substrate; additionally the front edges of the teeth are curved such that when the lever member is moved from the said first position to the said second position, the said front edges of the teeth does not extend below the baseline of the base member.

21. The apparatus of claim 7, wherein the staple lifting means comprises of teeth which extends from the front end of the said lever member, such that when the lever member is moved from a first position where the upper edge of the tip of the said teeth is flush with the upper edge of the tongue, to a second position where the tip of the teeth is well above the tongue, the said teeth engages the underside of the staple crossbar and lifts it from the substrate; additionally the bottom edges of the teeth are curved such that when the lever member is moved from the said first position to the second position, the said bottom edges of the teeth does not extend below the baseline of the base member.

22. The apparatus of claim 21, including means of biasing the lever member away from the base member into the first position.

23. The apparatus of claim 22, wherein the biasing means comprises of a spring positioned between the levers.

24. The apparatus of claim 21, wherein the lever member is a chambered member such that the base member fits inside the lever member.

25. The apparatus of claim 21, wherein the base member is a chambered member such that the lever member fits inside the base member.

26. The apparatus of claim 25, wherein the tongue of the base member contain grooves to facilitate the passage of the teeth of the lever member.

27. The apparatus of claim 25, wherein the width of the base member is changed at the front tongued end such that the said tongue is no wider than the distance between the teeth of the lever member.

28. An apparatus for removing staples comprising:

a stapler, with a stapler base pivotally connected to the staple driving lever, where the rear end is the staple driving end;

a means of wedging under the staple crossbar with a tongue extending from the front end of the said stapler base;

and a staple lifting means comprises of teeth which extends from the front end of the said staple driving lever, such that when the staple driving lever is moved from a first position where the upper edge of the tip of the said teeth is flush with the upper edge of the tongue, to a second position where the tip of the teeth is well above the tongue, the said teeth engages the underside of the staple crossbar and lifts it from the substrate; additionally the bottom edges of the teeth are curved such that when the staple driving lever is moved from the said first position to the second position, the said bottom edges of the teeth does not extend below the baseline of the stapler base.

29. An apparatus for removing staples comprising:

a stapler, with a stapler base pivotally connected to the staple driving lever, where the rear end is the staple driving end;

a tongued member attached to the front end of the base of the said stapler;

a teethed member attached to the front end of the staple driving lever of the said stapler;

a means of wedging under the staple crossbar with a tongue extending from the front end of the said tongued member;

and a staple lifting means comprises of the said teethed member attached to the front end of the said staple driving lever, such that when the staple driving lever is moved from a first position where the upper edge of the tip of the said teeth is flush with the upper edge of the tongue, to a second position where the tip of the teeth is well above the tongue, the said teeth engages the underside of the staple crossbar and lifts it from the substrate; additionally the bottom edges of the teeth are curved such that when the stapler driving lever is moved from the said first position to the second position, the said bottom edges of the teeth does not extend below the baseline of the tongued member.

30. An apparatus for removing staples comprising:

a stapler, with a stapler base pivotally connected to a staple driving lever, where the rear end is the staple driving end;

a chambered lever member that houses the staple driving lever of the said stapler;

a means of wedging under the staple crossbar with a tongue extending from the front end of the said stapler base;

the staple lifting means comprises of teeth which extends from the front end of the said lever member, such that when the lever member is moved from a first position where the upper edge of the said teeth is flush with the upper edge of the tongue, to a second position where the teeth is well above the tongue, the said teeth engages the underside of the staple crossbar and lifts it from the substrate; additionally the bottom edges of the teeth are curved such that when the lever member is moved from the said first position to the second position, the said bottom edges of the teeth does not extend below the baseline of the stapler base.

31. The apparatus of claim 2, wherein:

the said tongue extends from the front end of the said staple driving lever;

the base member is a chambered member such that the lever member fits inside the base member;

and the staple lifting means comprises of the said tongue which extends from the front end of the said lever member, such that when the lever member is moved from a first position where the baseline of the tongue is flush with the baseline of the base member, to a second position where the tongue is well above the baseline of the base member, the said tongue lifts the staple from the substrate.

32. The apparatus of claim 31, including means of biasing the lever member away from the base member into the first position.

33. The apparatus of claim 32, wherein the biasing means comprises a spring positioned between the levers.

34. An apparatus for removing staples comprising:

a stapler, with a stapler base pivotally connected to the staple driving lever, where the rear end is the staple driving end;

a means of wedging under the staple crossbar with a tongue extending from the front end of the said stapler driving lever;

and the staple lifting means comprises of the said tongue which extends from the front end of the said staple driving lever, such that when the staple driving lever is moved from a first position where the baseline of the tongue is flush with the baseline of the stapler base, to a second position where the tongue is well above the baseline of the stapler base, the said tongue lifts the staple from the substrate.

35. An apparatus for removing staples comprising:

a stapler, with a stapler base pivotally connected to the staple driving lever, where the rear end is the staple driving end;

a tongued member attached to the front end of the staple driving lever of the said stapler;

5 a means of wedging under the staple crossbar with a tongue extending from the front end of the said tongued member;

and a staple lifting means comprises of the said tongued member attached to the front end of the said staple driving lever, such that when the staple driving lever is moved from a first position where the baseline of the tongue is flush with the baseline of the stapler base, to a second position where the tongue is well above the baseline of the stapler base, the said tongue lifts the staple from the substrate.

36. An apparatus for removing staples comprising:

a stapler, with a stapler base pivotally connected to the staple driving lever, where the rear end is the staple driving end;

15 a chambered lever member that houses the staple driving lever of the said stapler, and is pivotally attached to the staple driving lever at a first section near the front end;

a means of wedging under the staple crossbar with a tongue extending from the front end of the said chambered lever member;

20 a staple lifting means comprises of the said tongue which extends from the front end of the said lever member, such that when the lever member is moved from a first position where the baseline of the tongue is flush with the baseline of the stapler base, to a second position where the tongue is well above the baseline of the stapler base, the said tongue lifts the staple from the substrate.

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